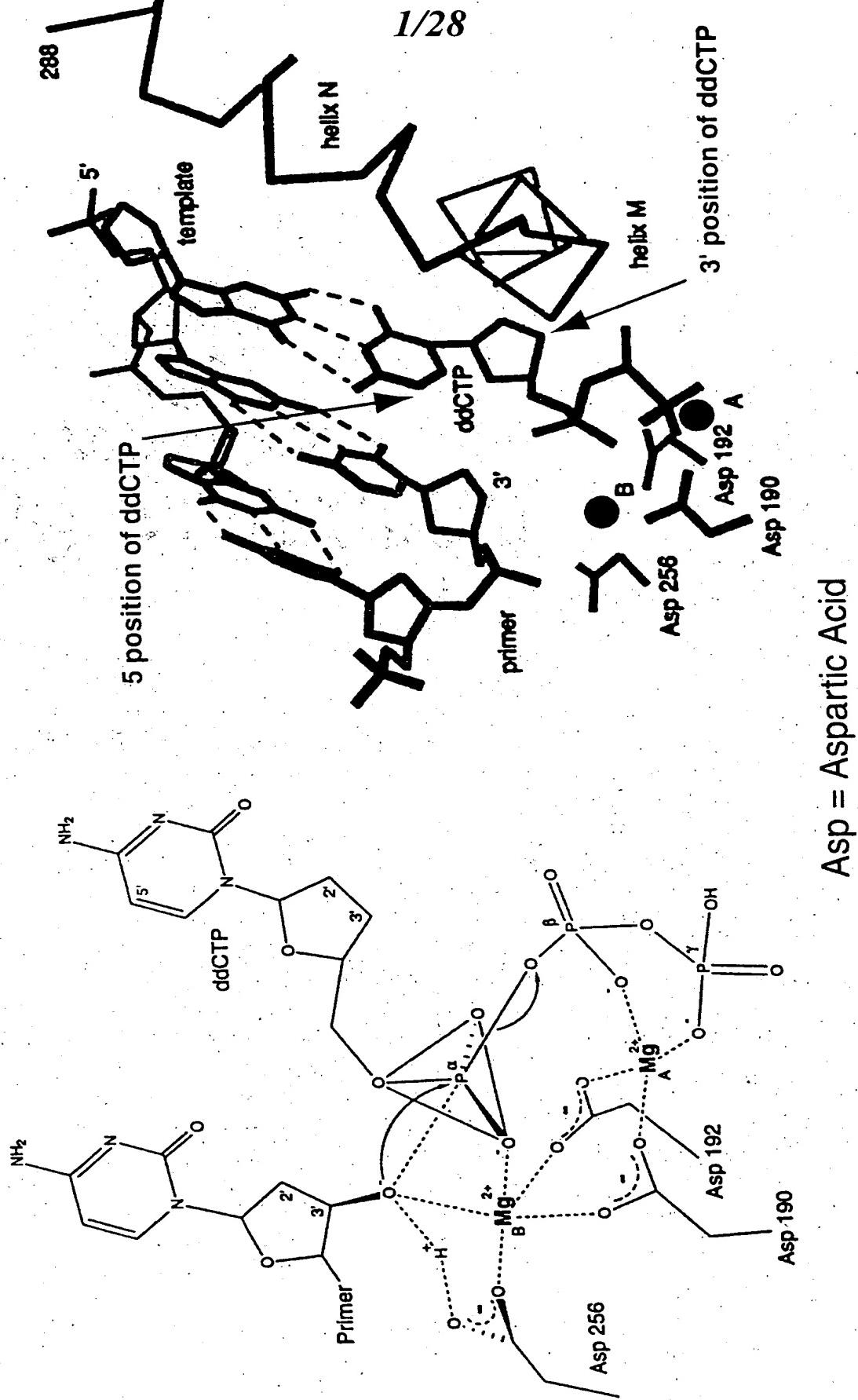
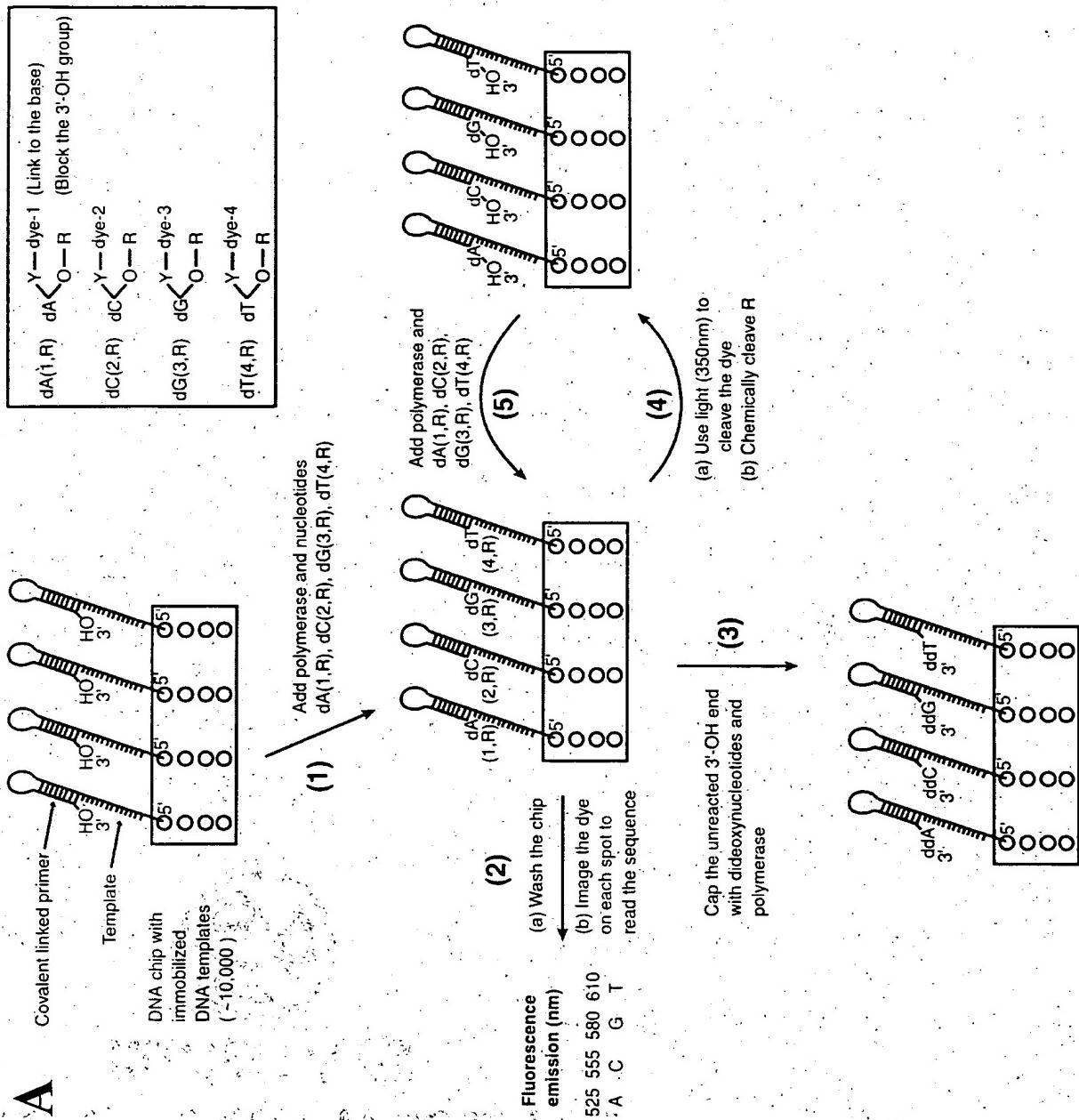
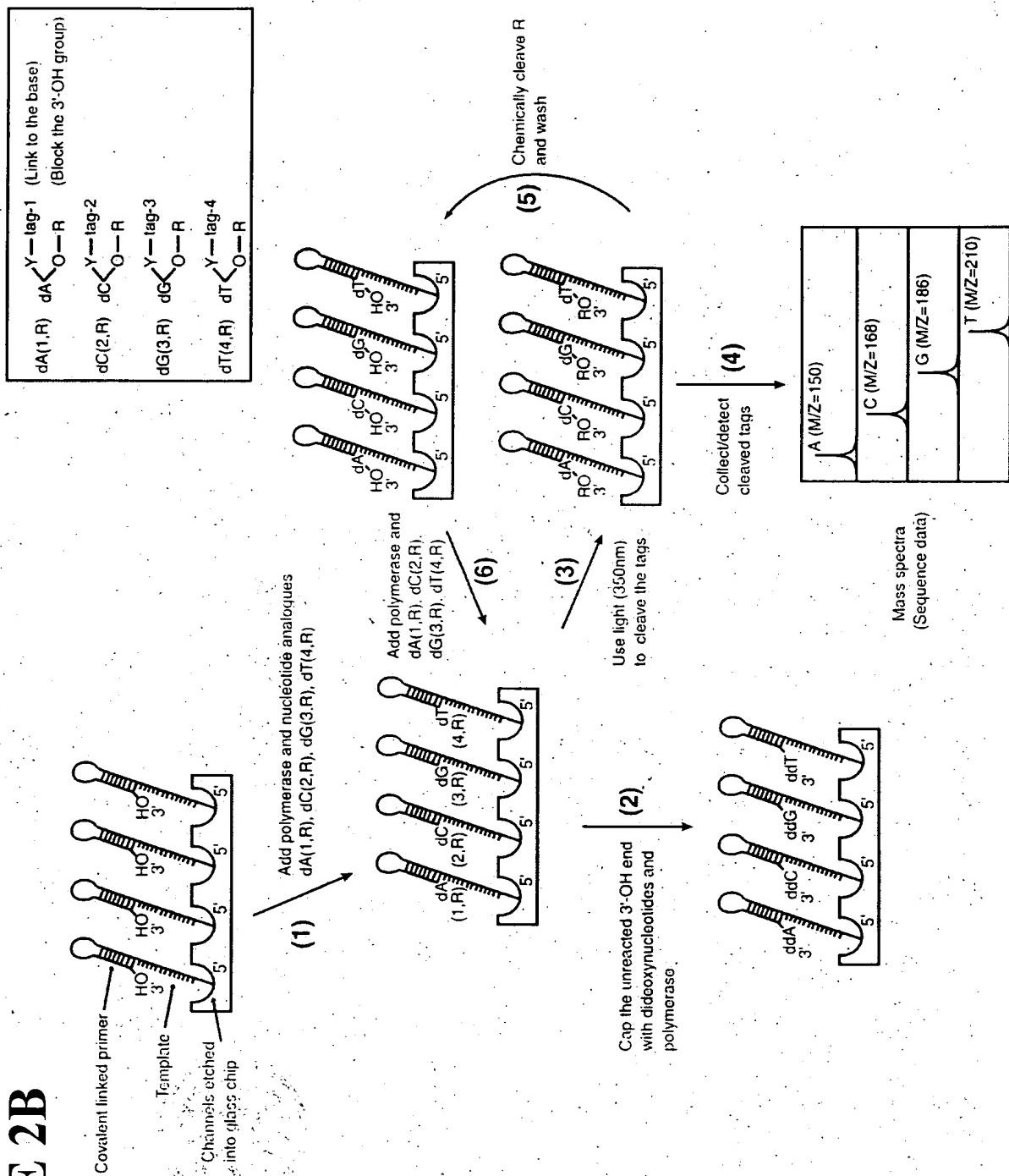


**FIGURE 1**



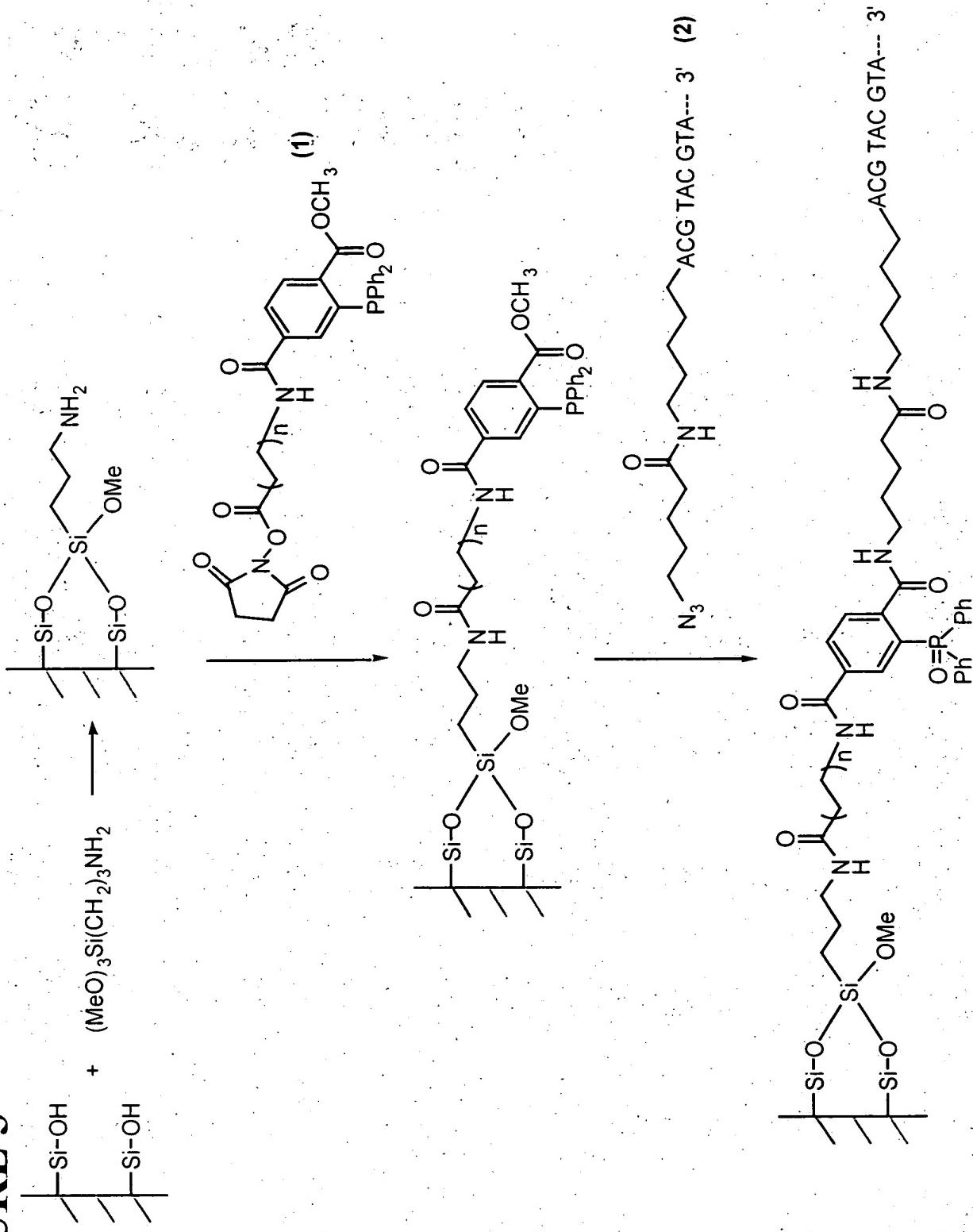
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**FIGURE 2A**

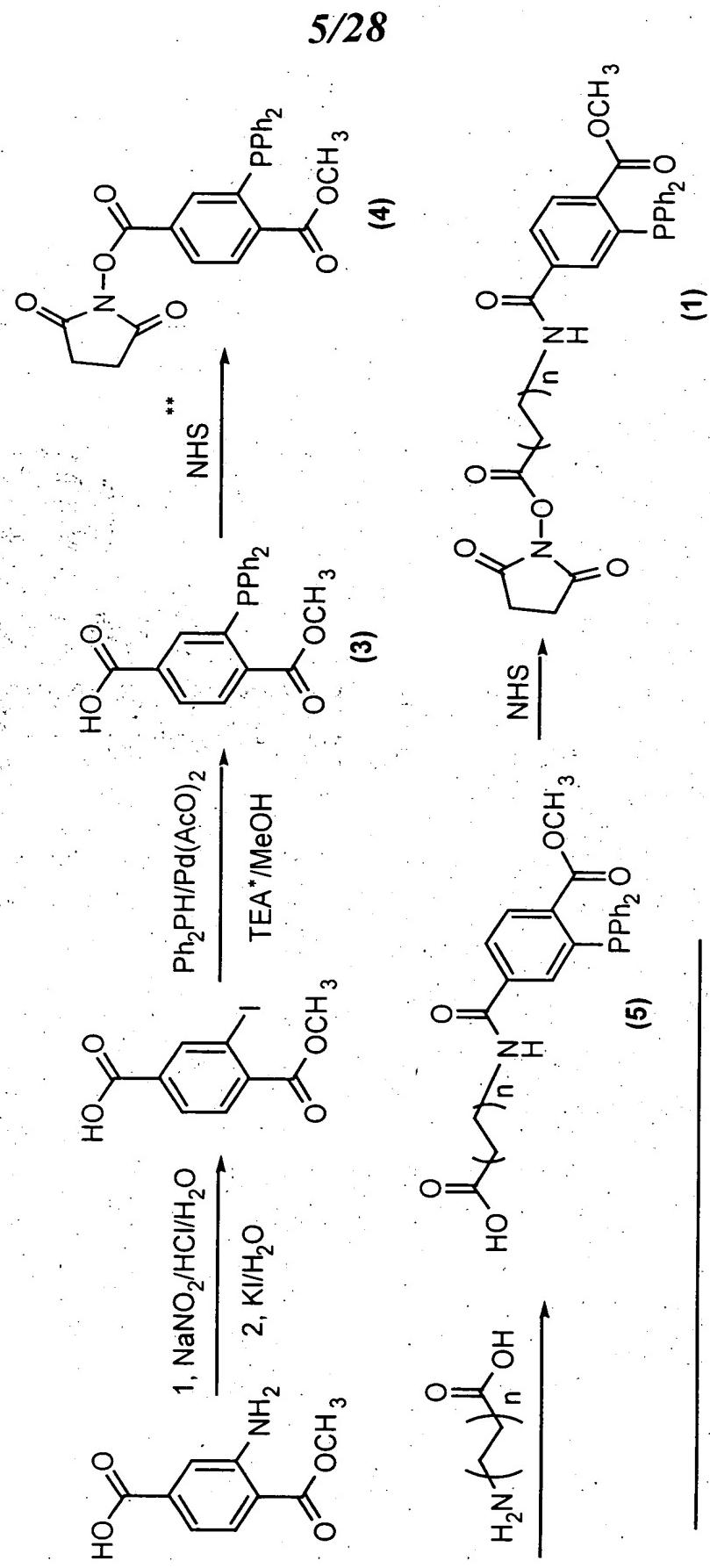


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FIGURE 3

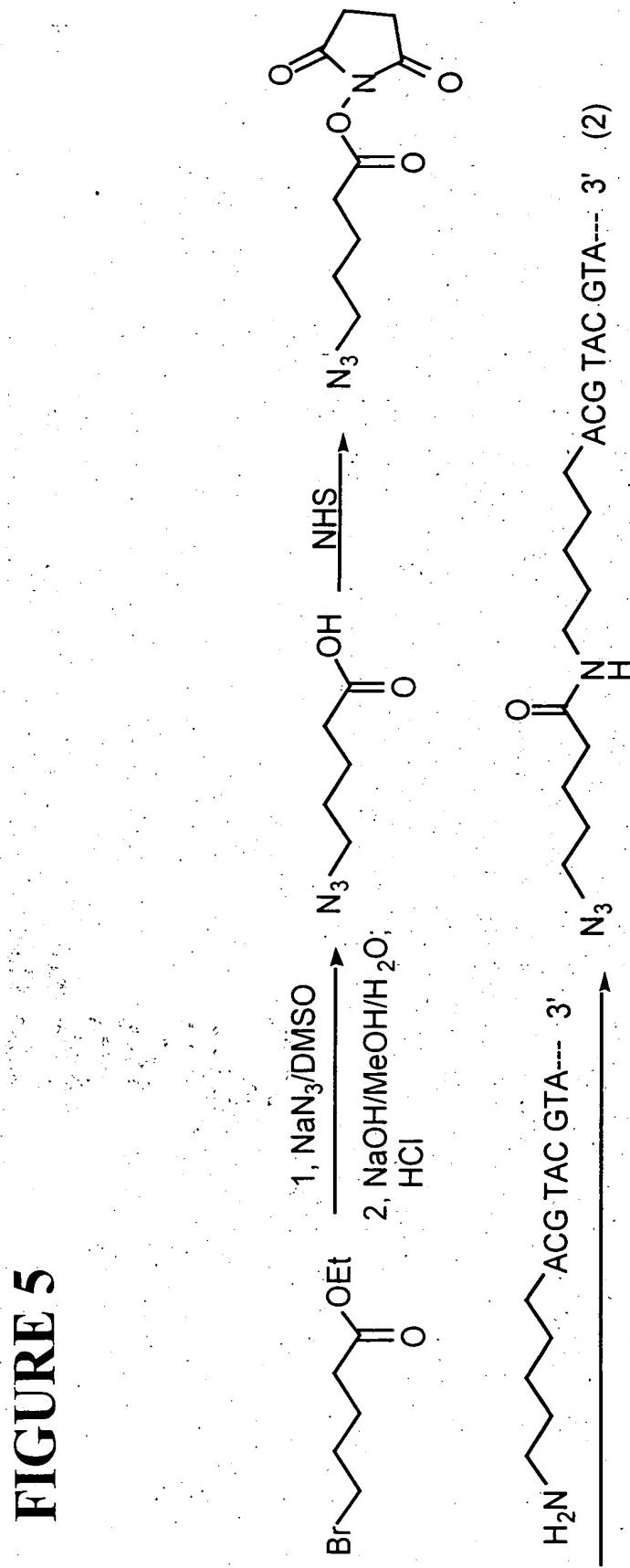


**FIGURE 4**



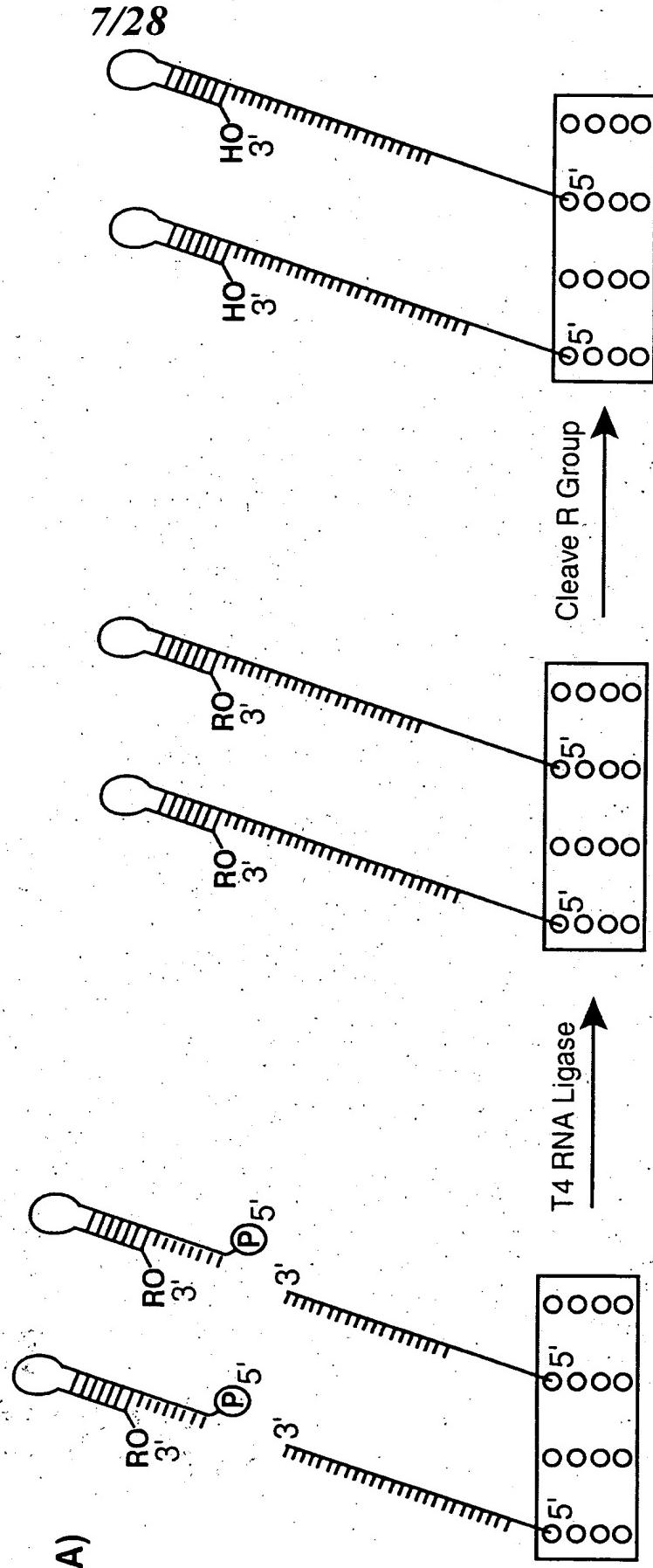
\*TEA = Triethylamine; \*\* NHS = N-Hydroxysuccinimide

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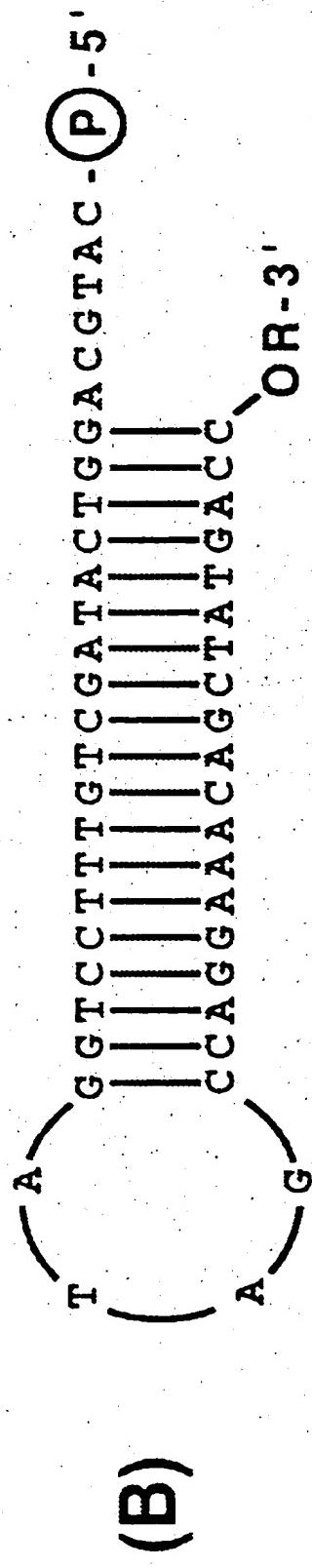
**FIGURE 6A**

(A)

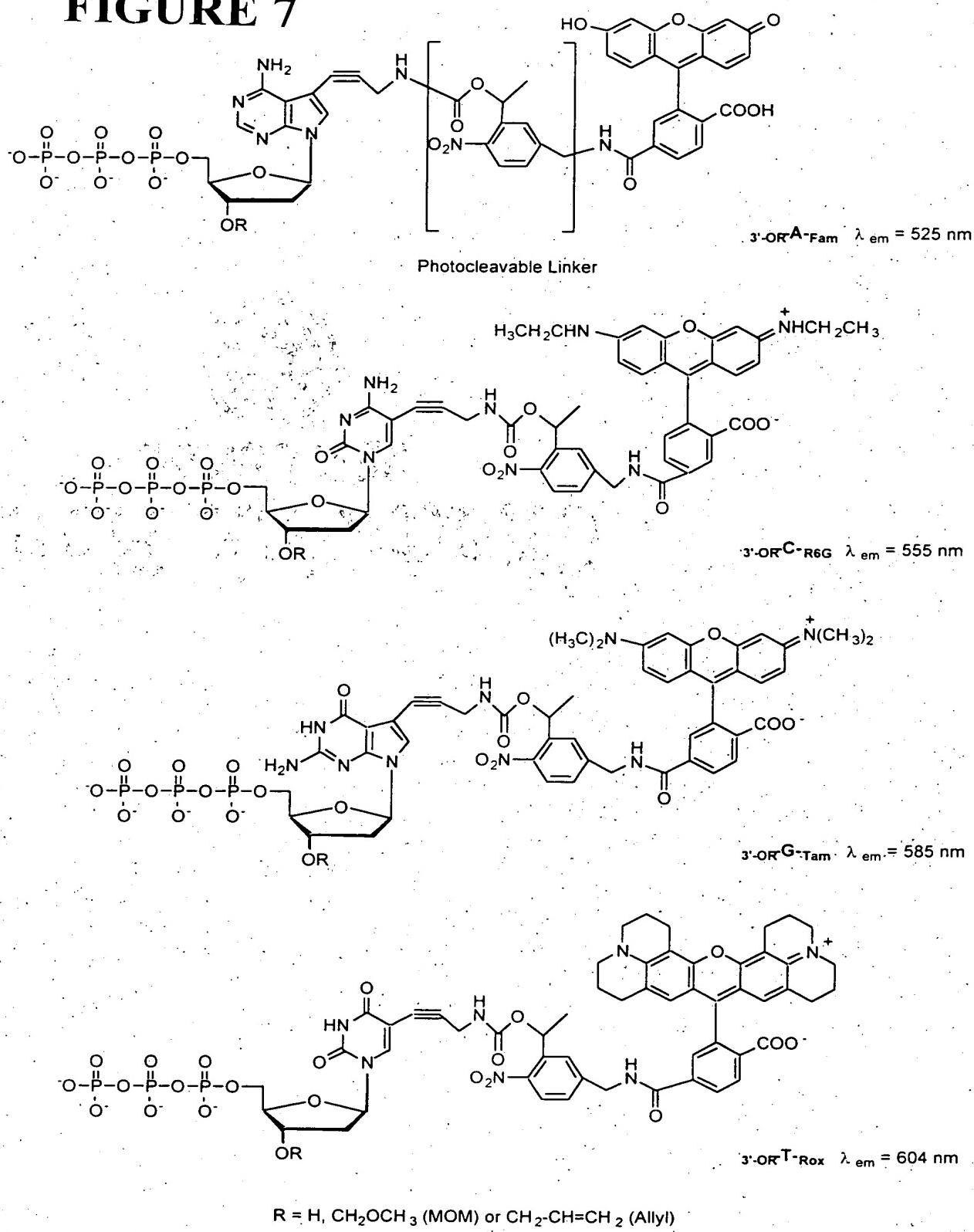


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## FIGURE 6B

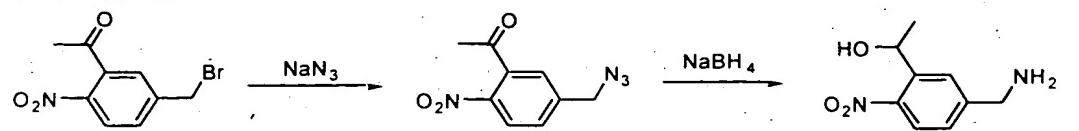


## FIGURE 7

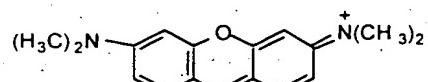


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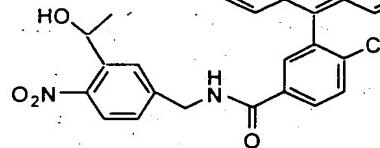
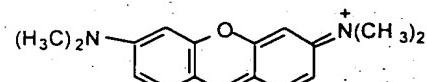
## FIGURE 8



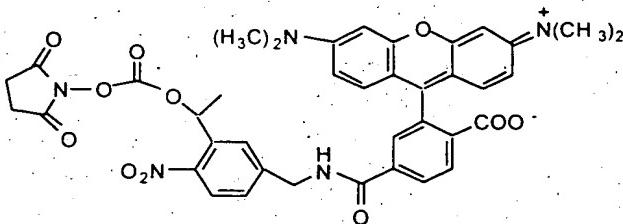
## Photocleavable Linker



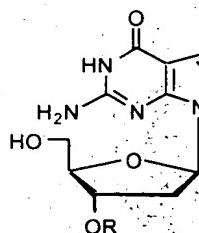
(Tam-NHS)



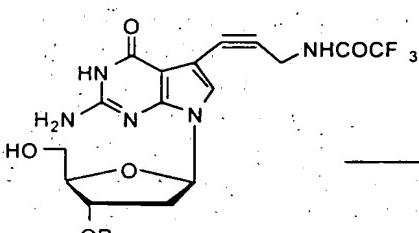
N,N'-disuccinimide carbonate/ Et<sub>3</sub>N



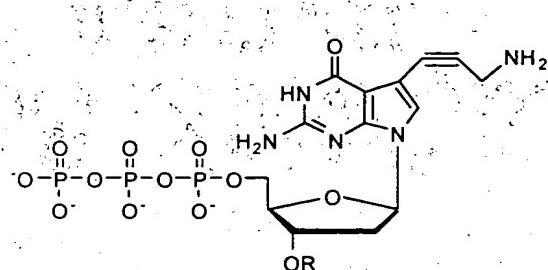
Linker-Tam



F 3

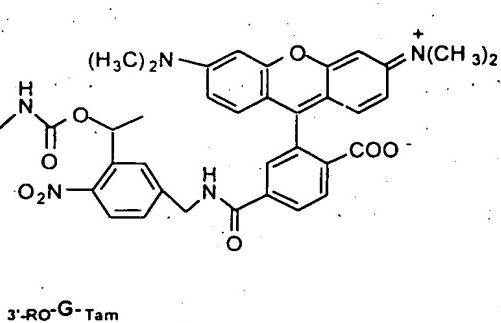
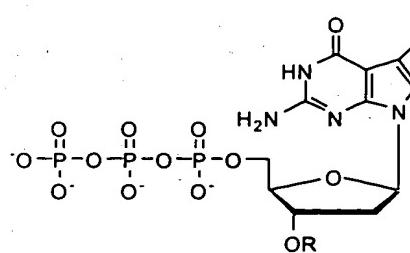


ii, ii

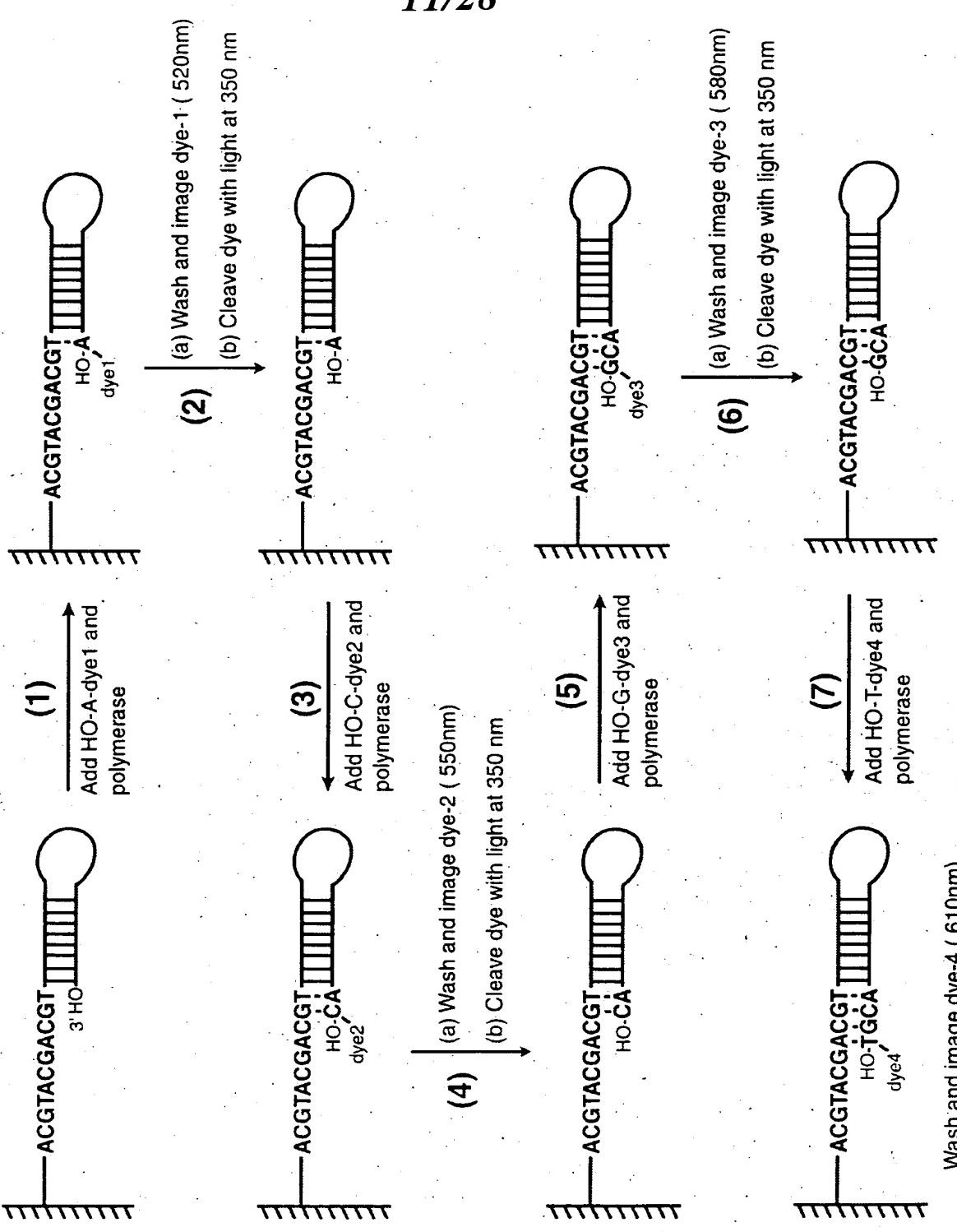


Linker-Tam

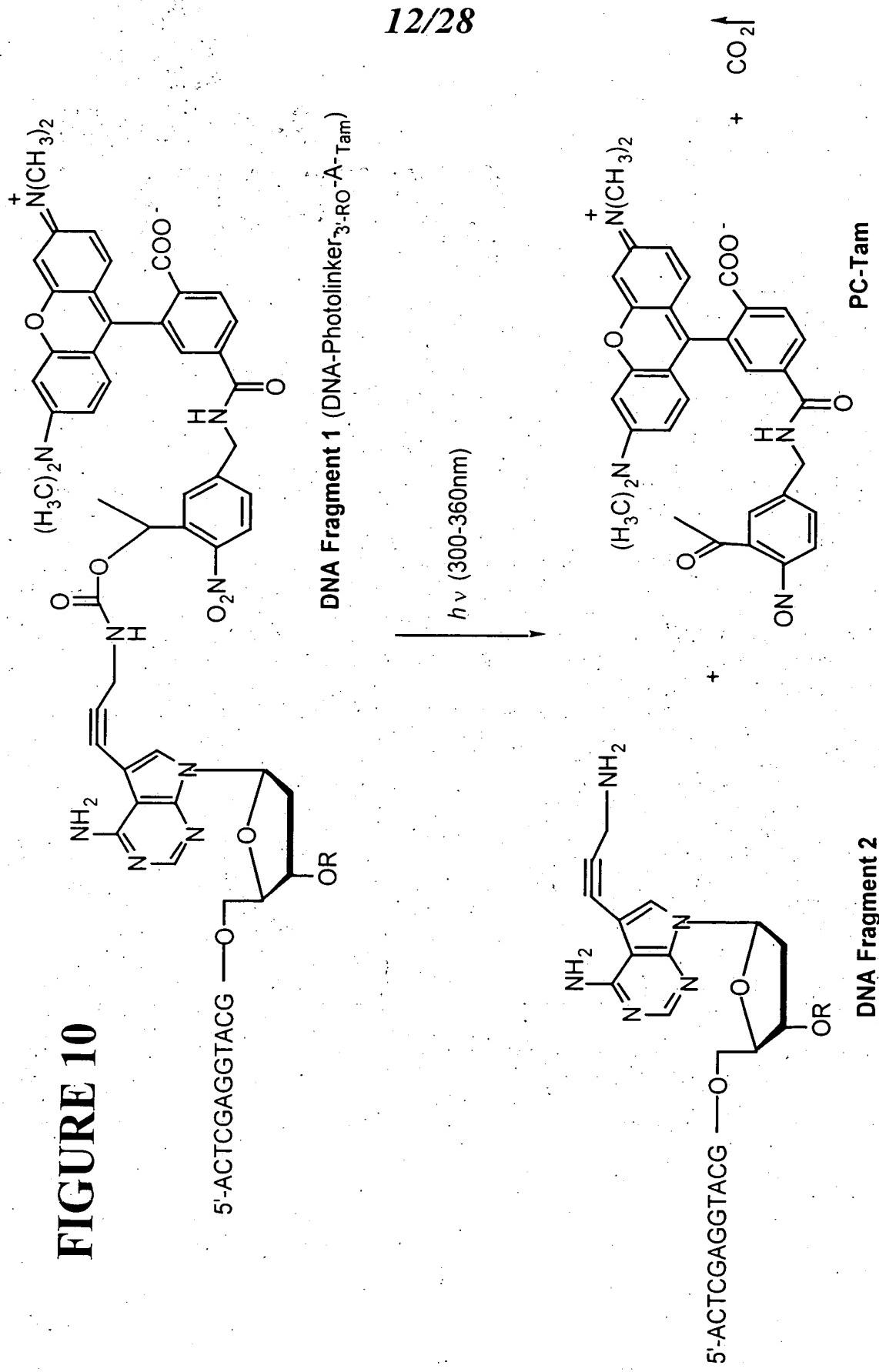
iv

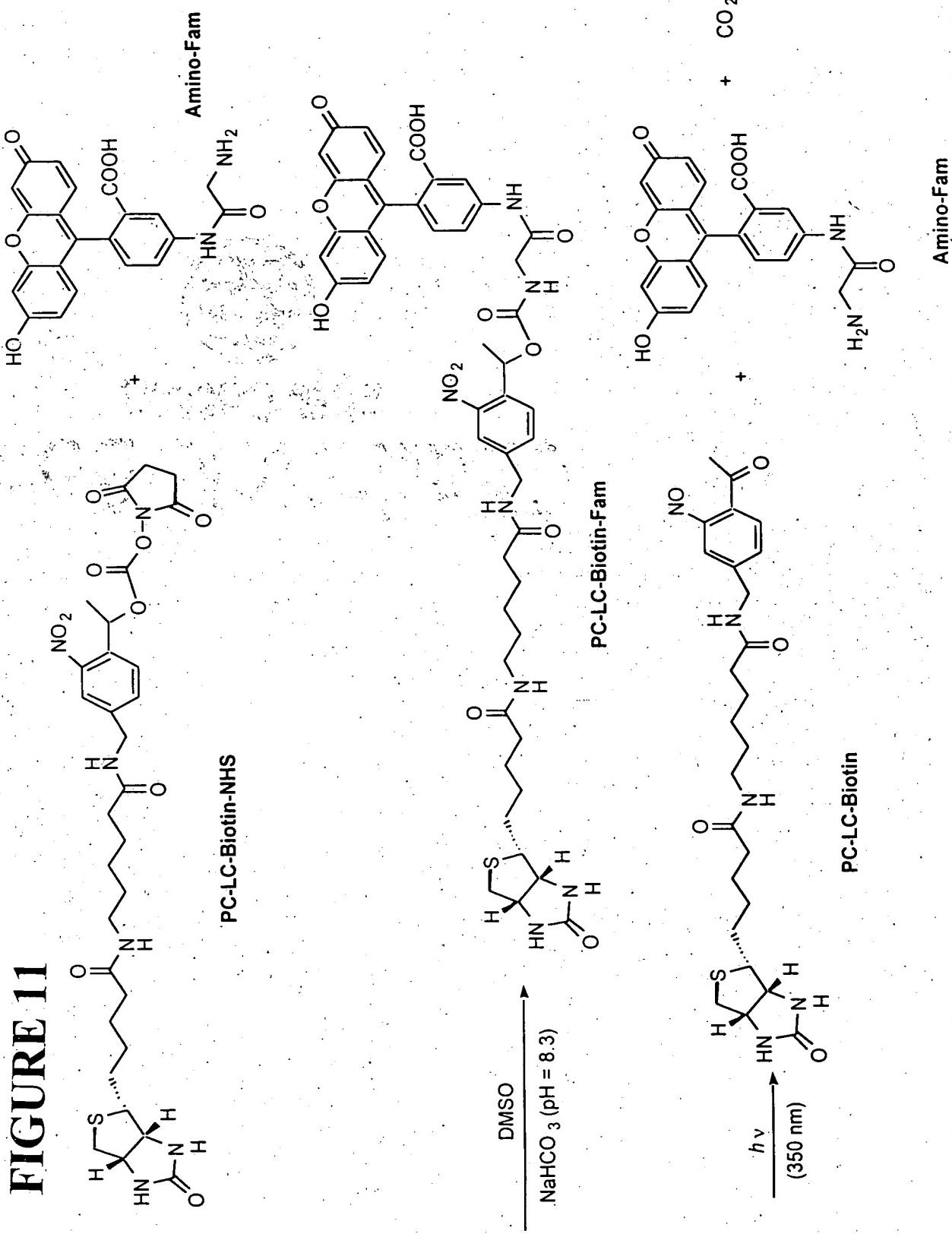


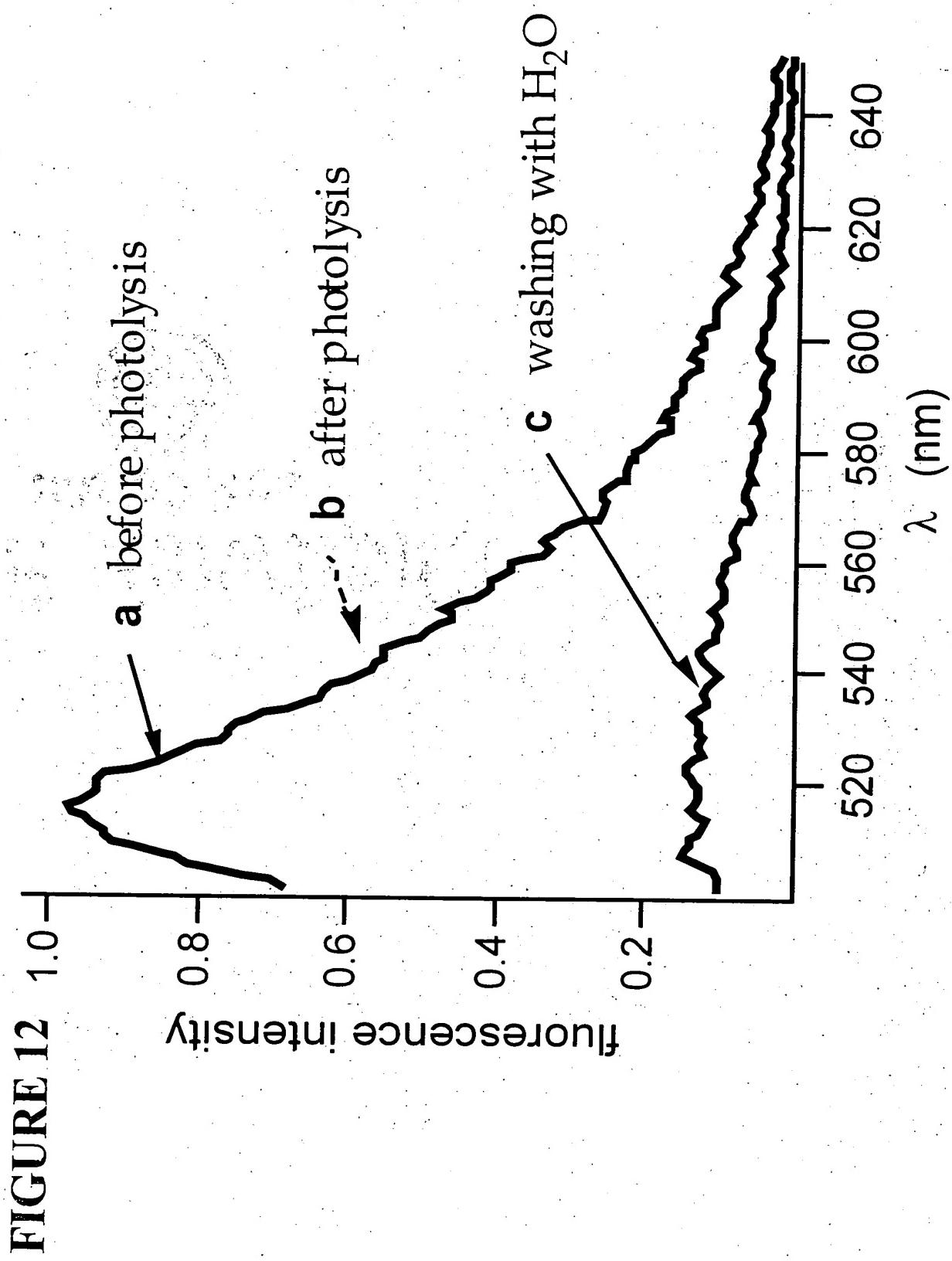
**FIGURE 9**



**FIGURE 10**

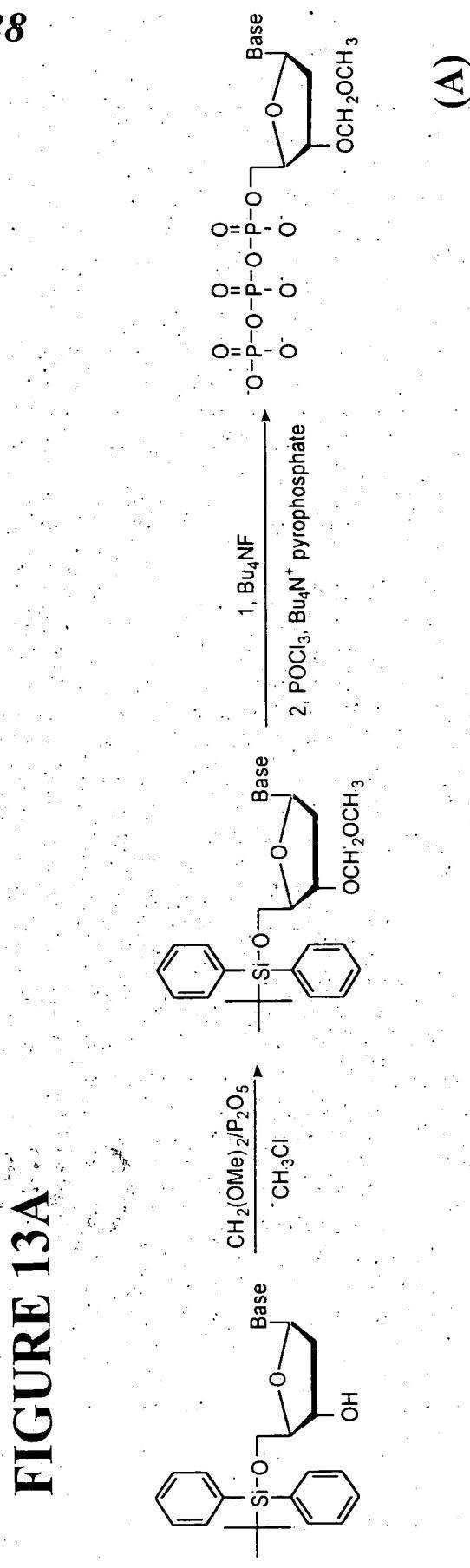




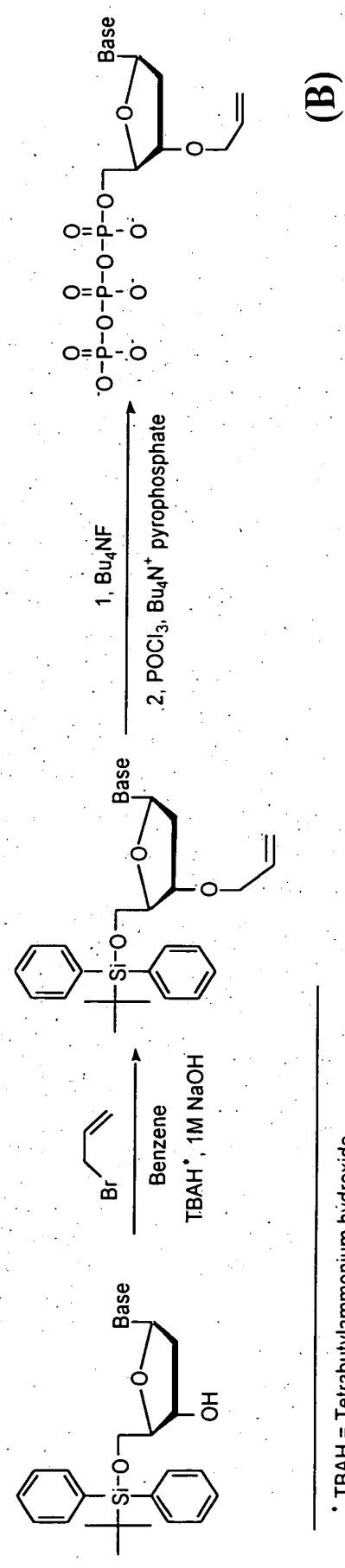


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FIGURE 13A



**FIGURE 13B**

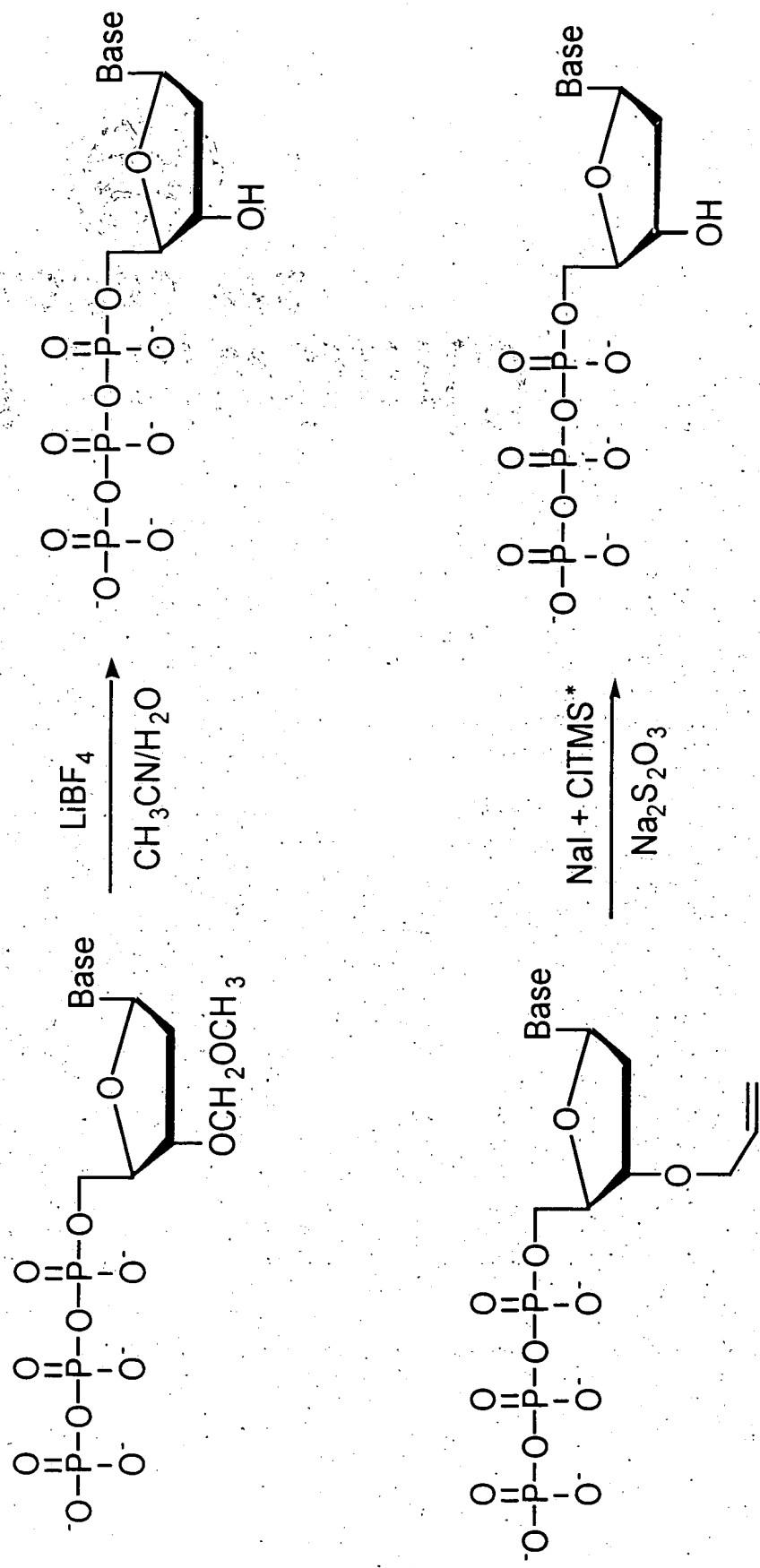


\* TBAH = Tetraethylammonium hydroxide

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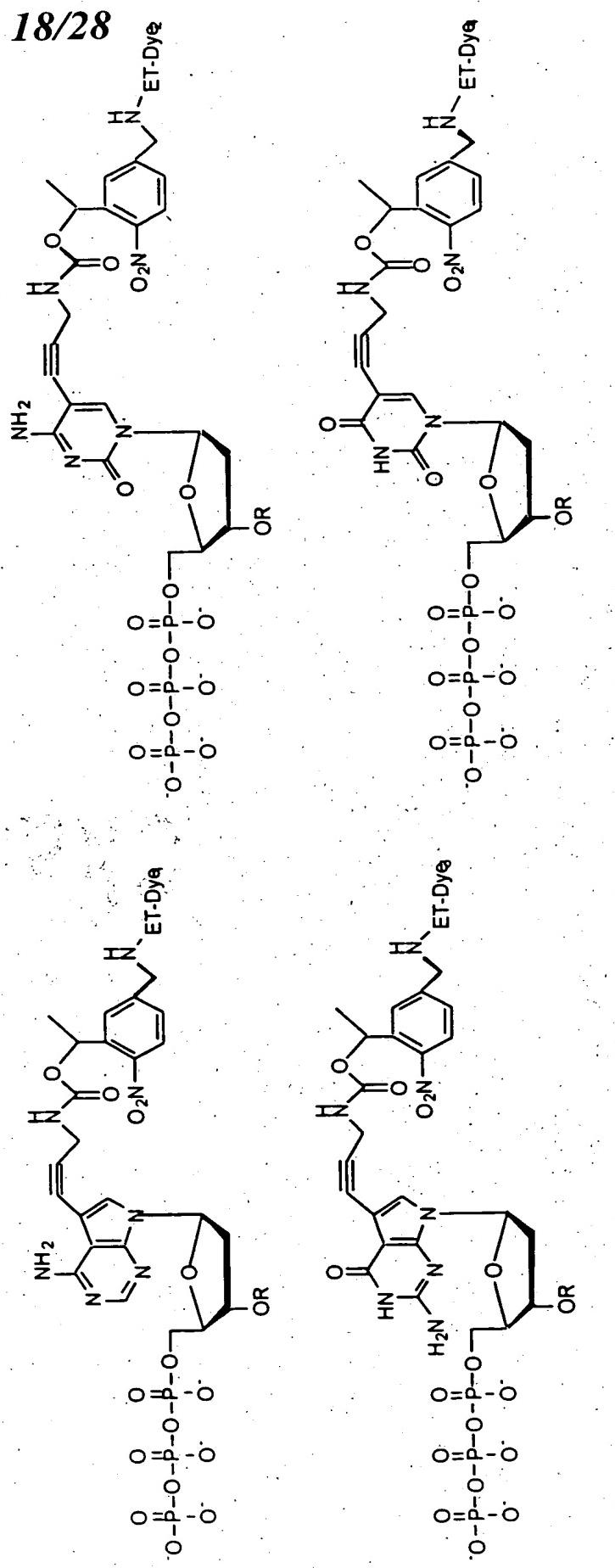
FIGURE 14



\*CITMS = chlorotrimethylsilane

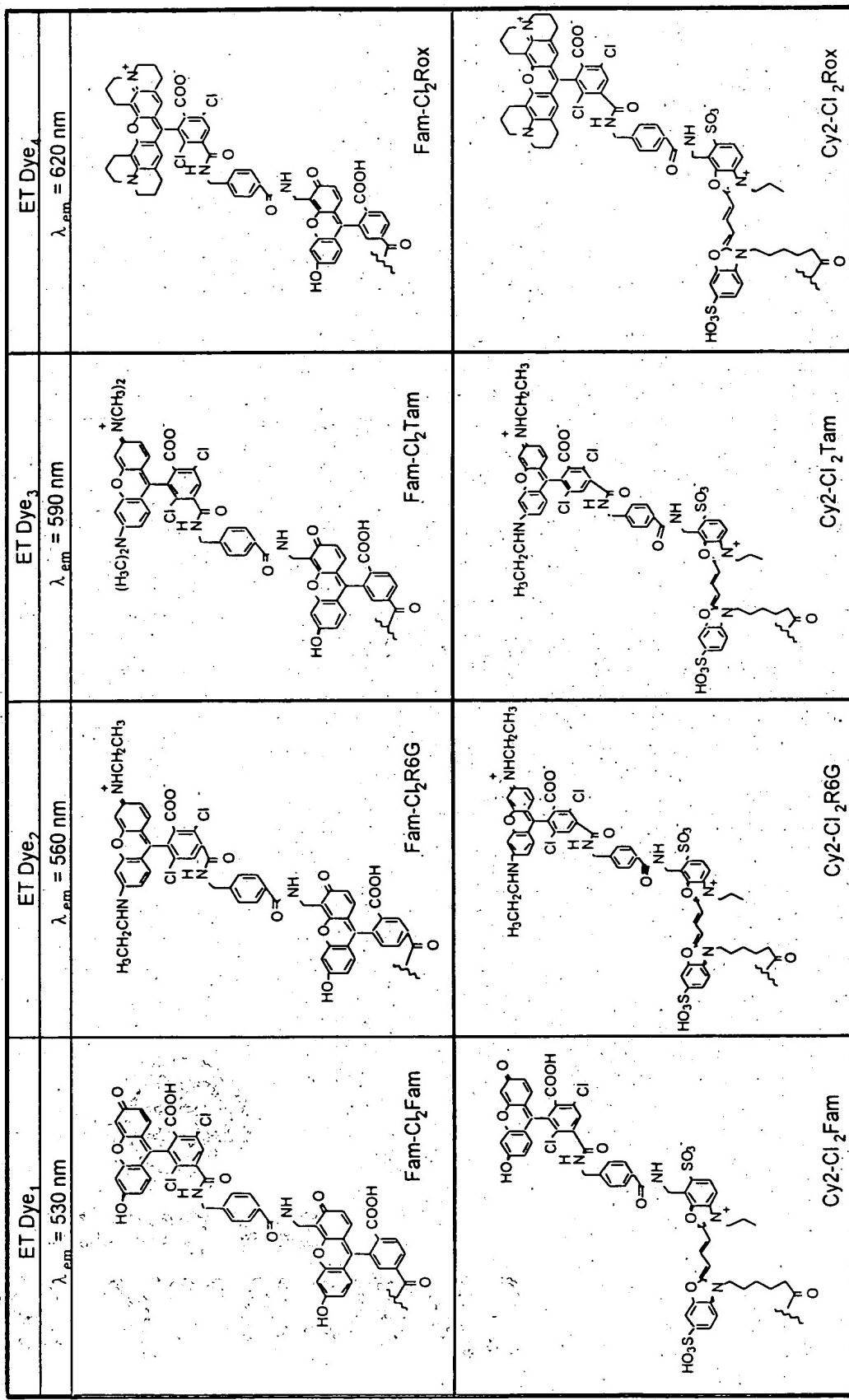
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FIGURE 15A



R = H, CH<sub>2</sub>OCH<sub>3</sub> (MOM) or CH<sub>2</sub>=CH<sub>2</sub> (Allyl)

FIGURE 15B



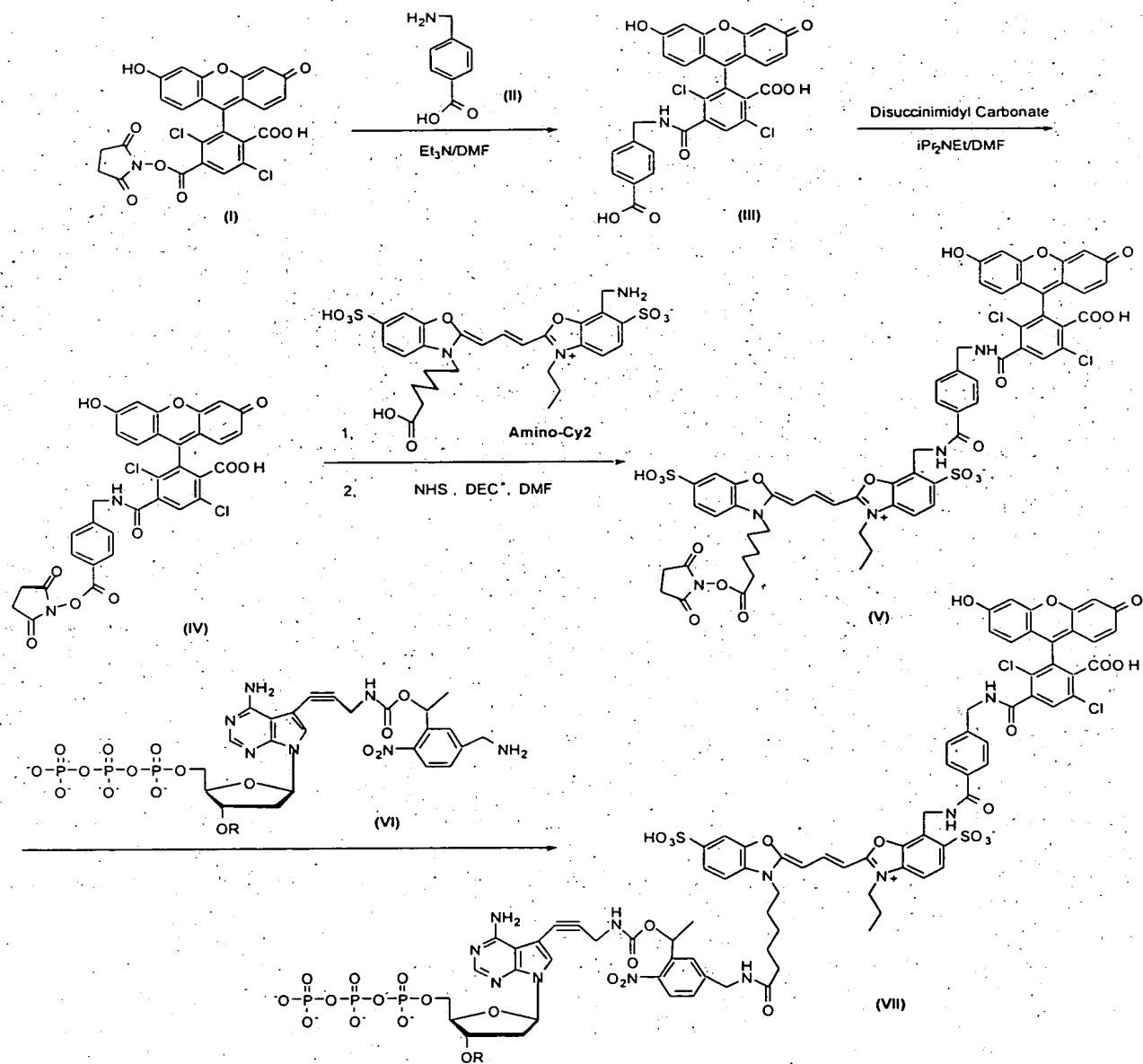
**FIGURE 16**

FIGURE 17

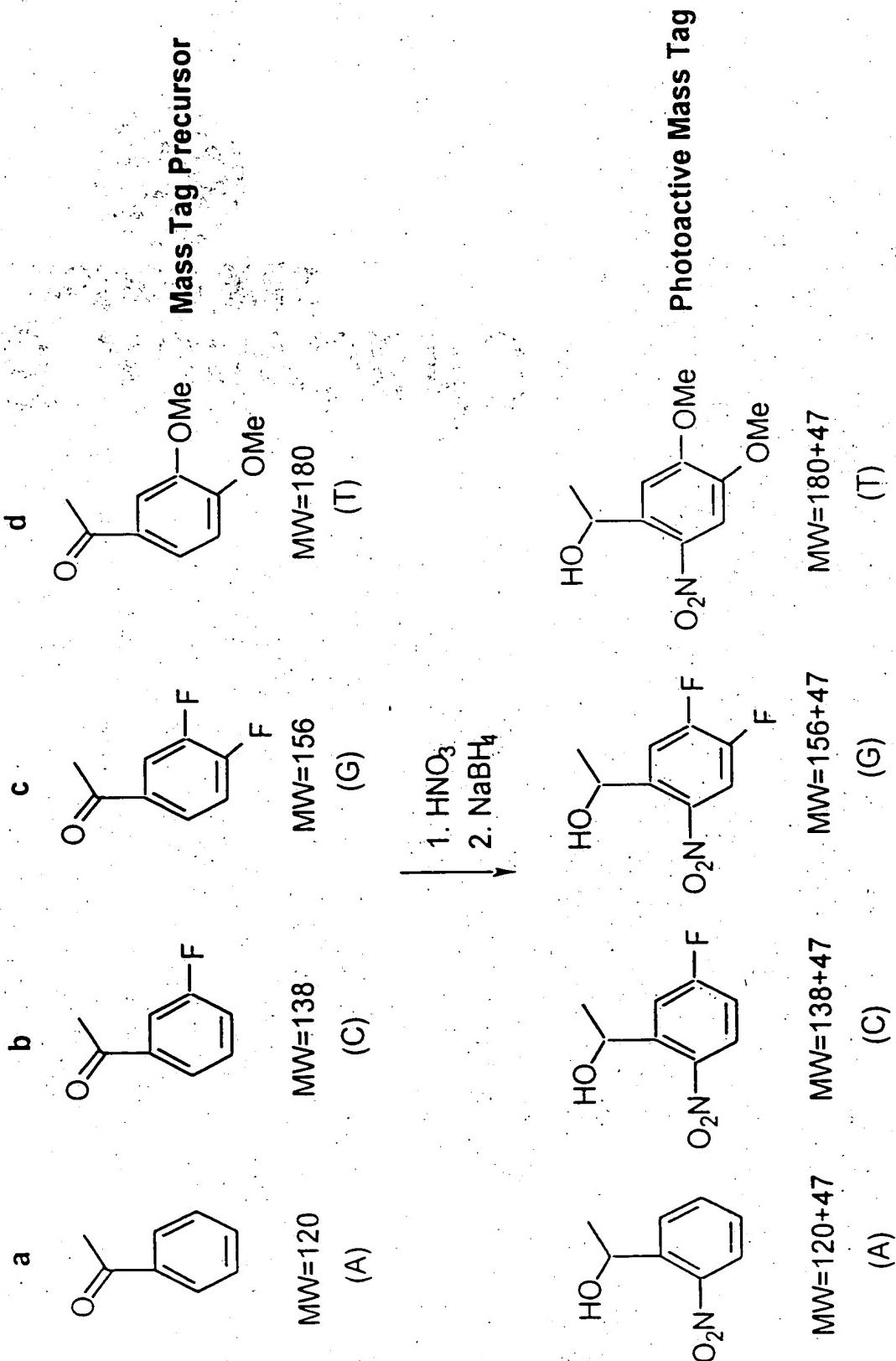
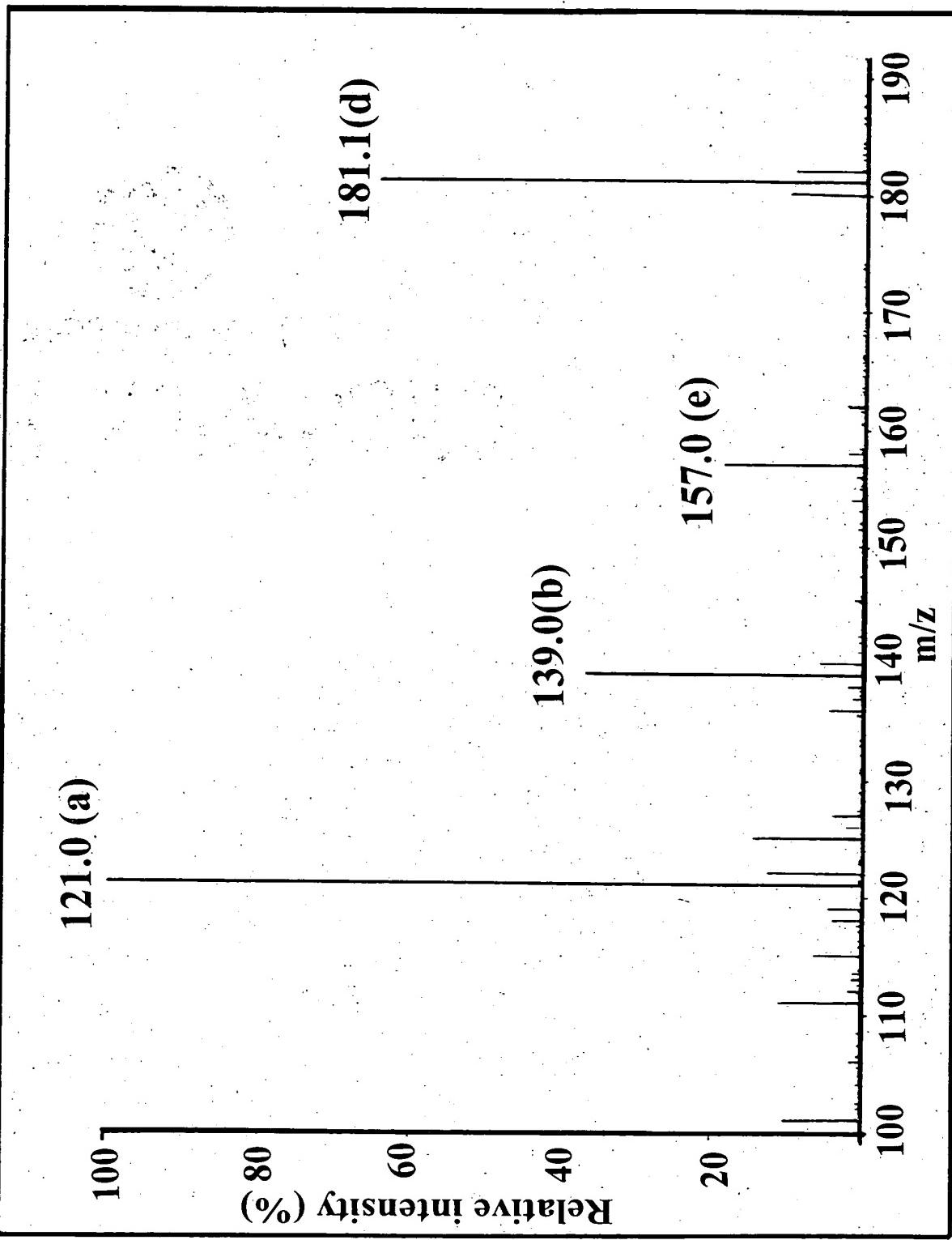
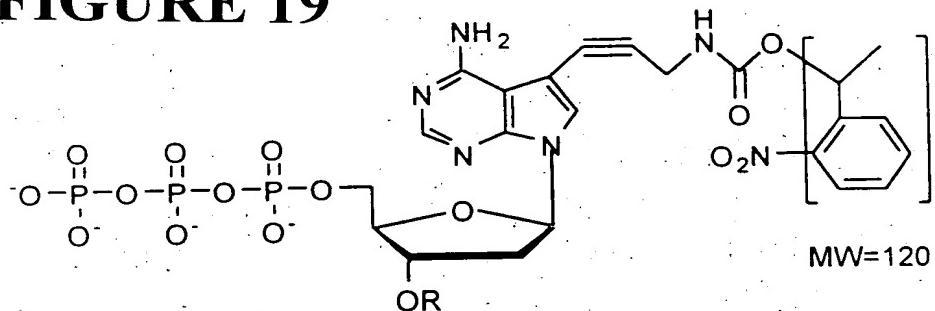


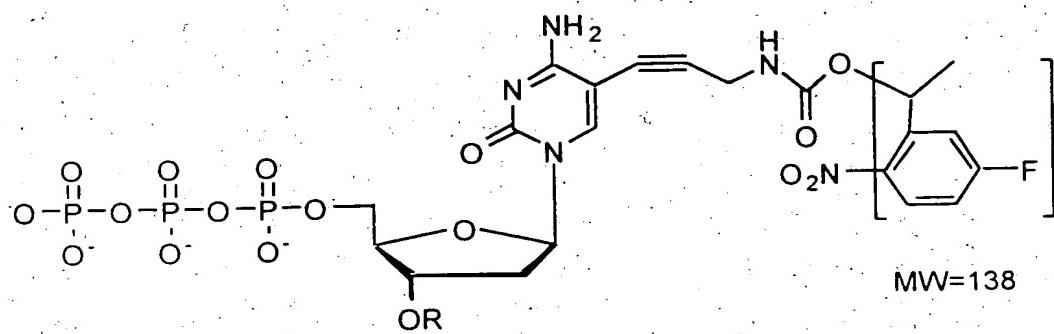
FIGURE 18



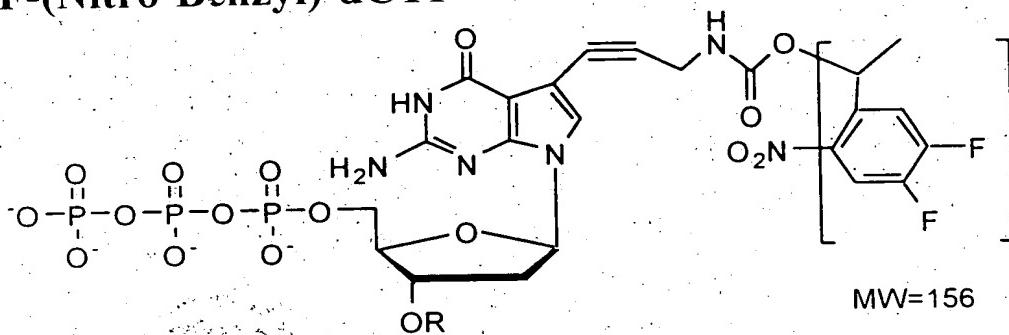
## FIGURE 19



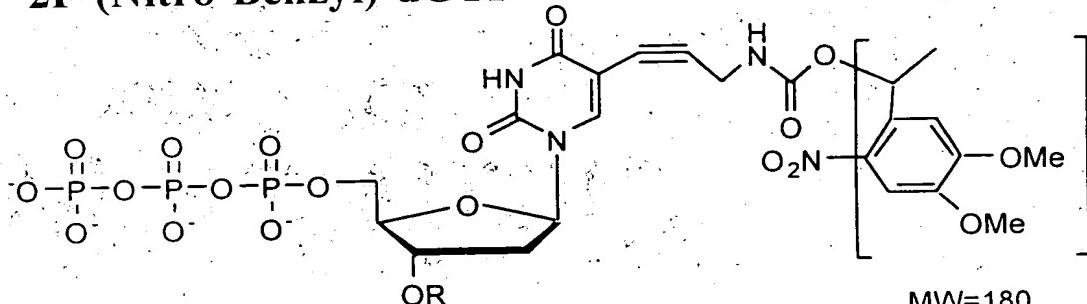
### (Nitro-Benzyl)-dATP



## F-(Nitro-Benzyl)-dCTP



## 2F-(Nitro-Benzyl)-dGTP



## **2(Meo)-(Nitro-Benzyl)-dTTP**

R = H, MOM or Allyl

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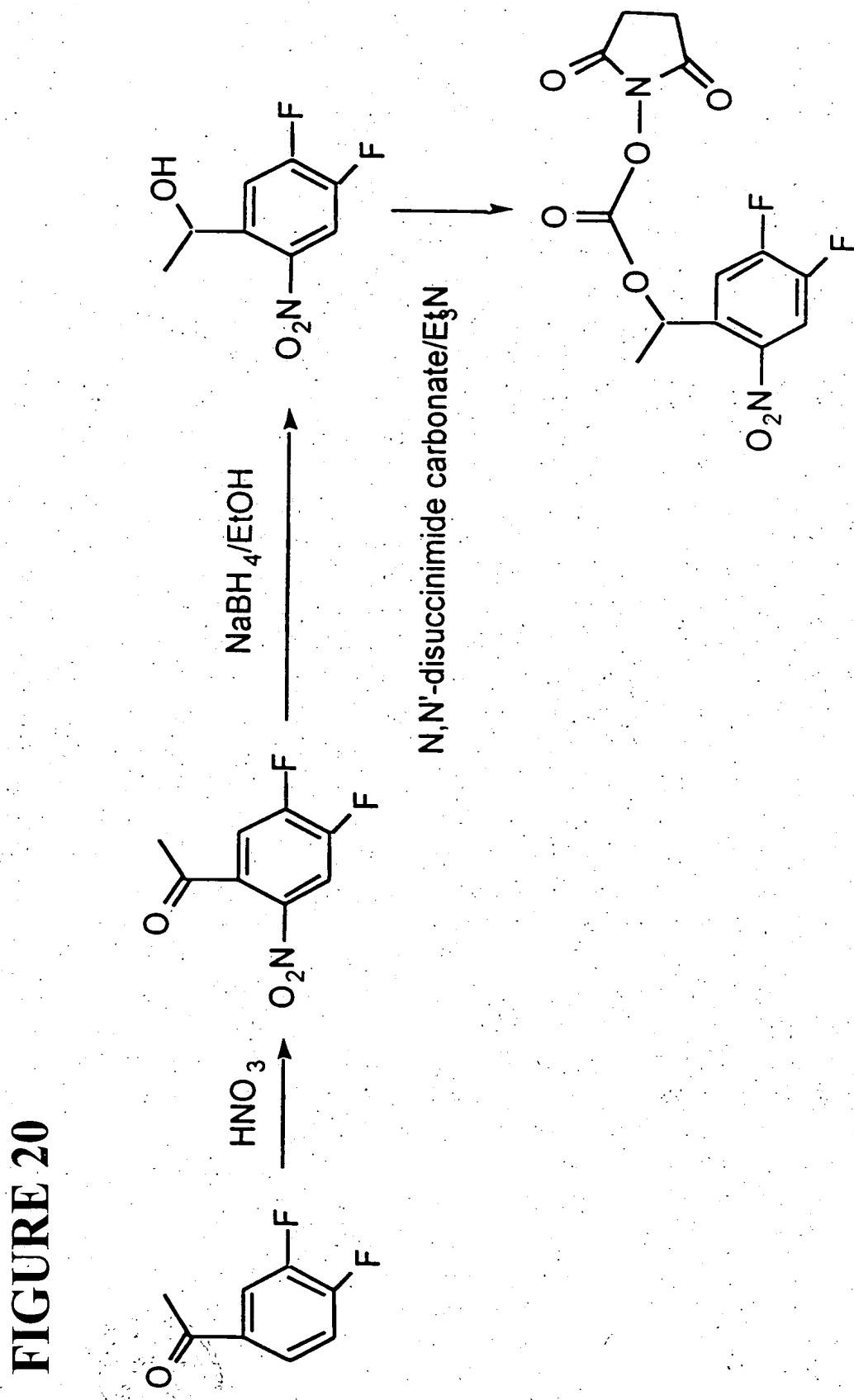


FIGURE 20

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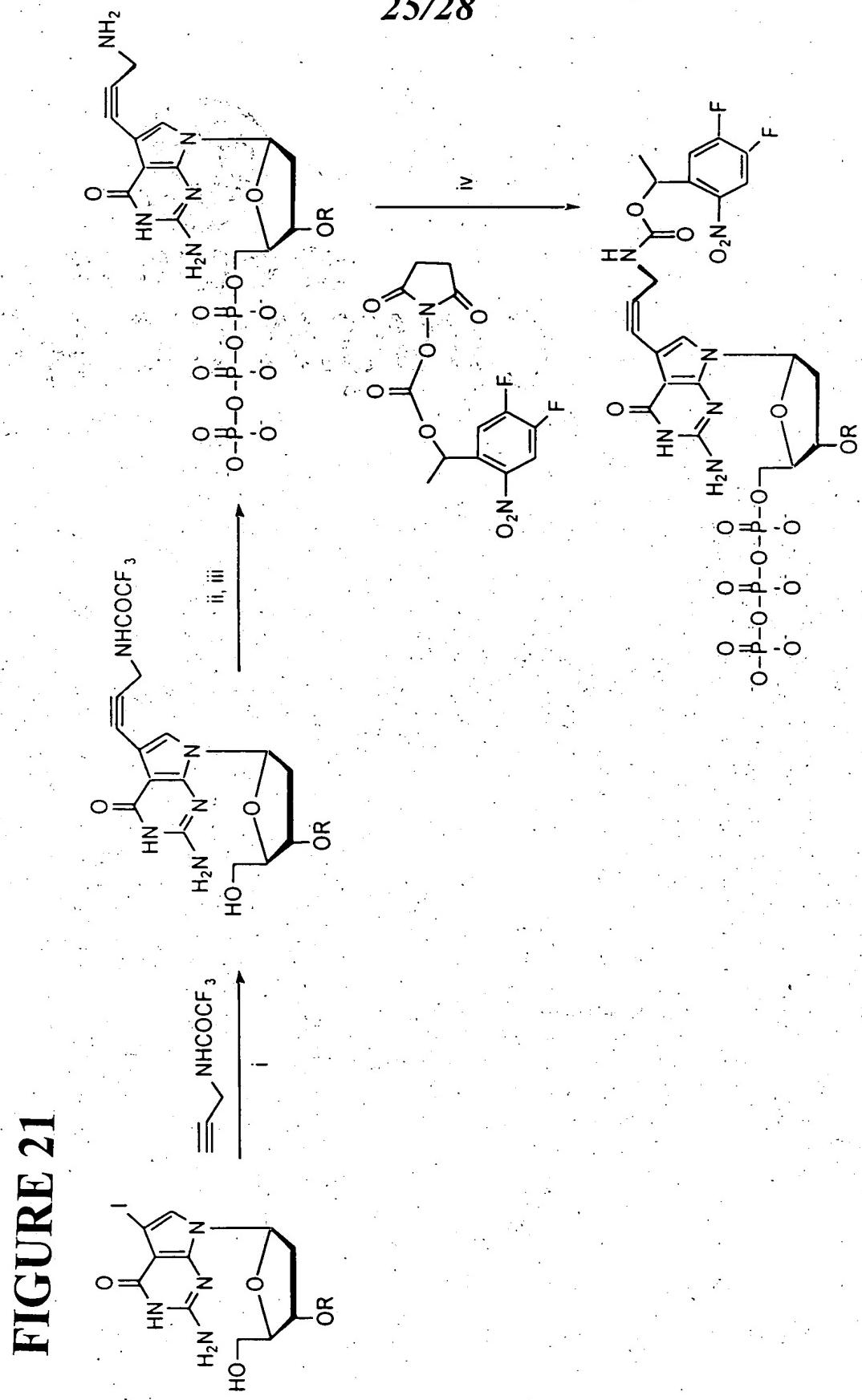
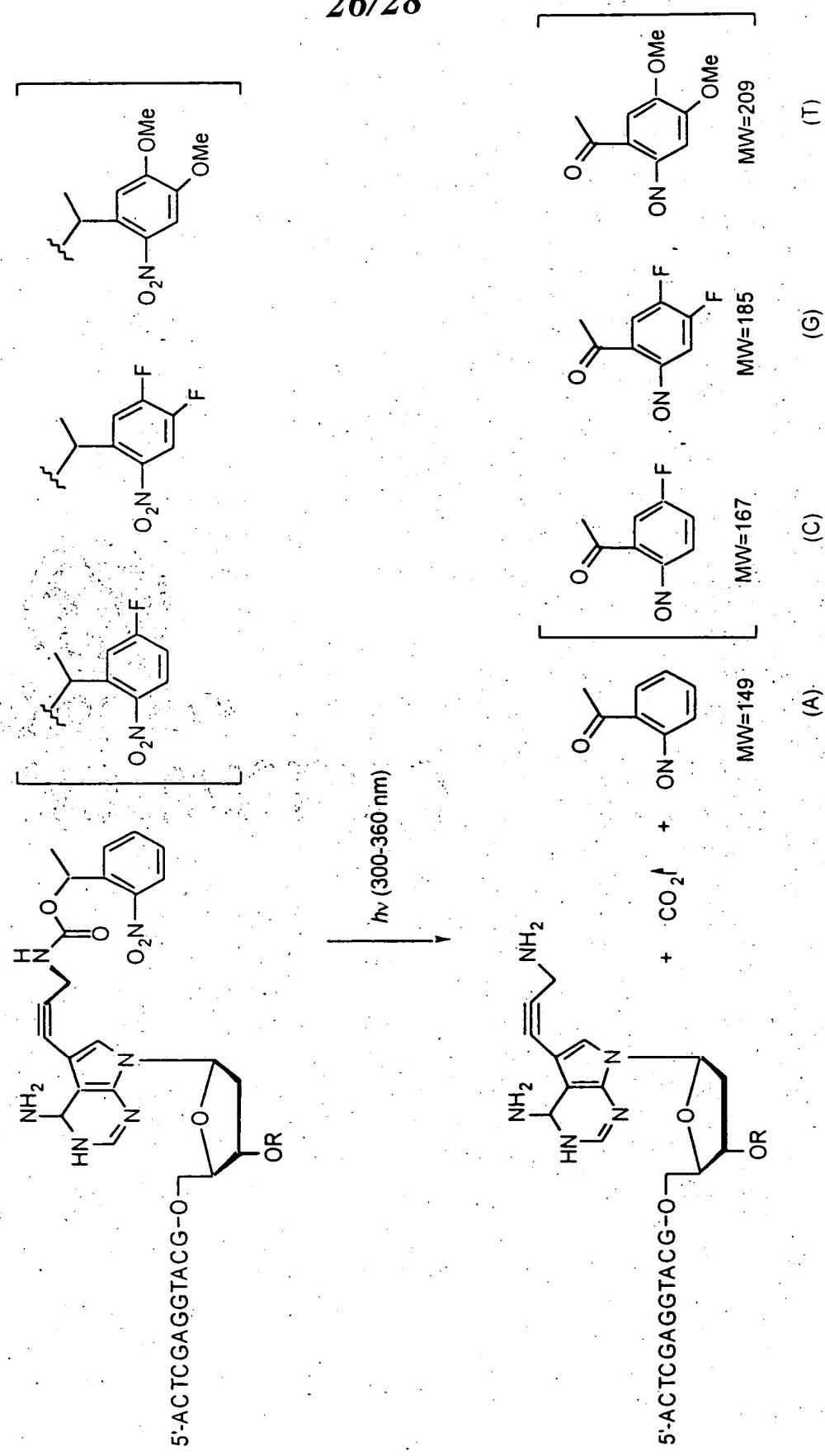


FIGURE 21

**FIGURE 22**

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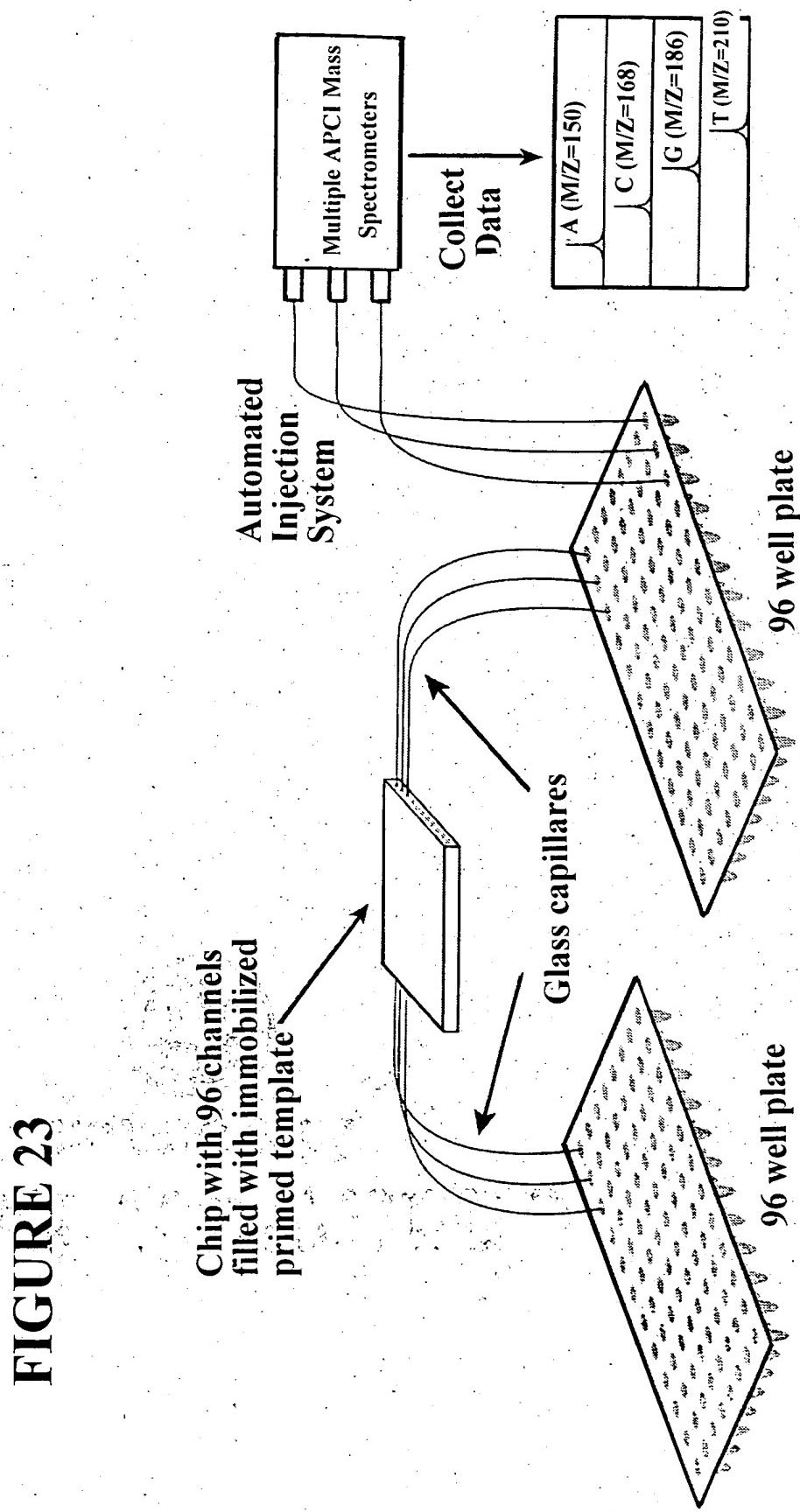


FIGURE 24

